



INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/767,247	
			Filing Date	January 28, 2004	
			First Named Inventor	Naoki Watanabe	
			Art Unit	2188 2185	
Sheet	1	of	2	Examiner Name	Mano Padmanabhan Vaima Campos
				Attorney Docket Number	16869B-077300US

U.S. PATENT DOCUMENTS+						
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
Y.L.	1	US 6,516,425		02-04-2003	Belhadj et al.	
Y.L.	2	US 2002/0174295		11-21-2002	Ulrich et al.	
Y.L.	3	US 2002/0059539		05-16-2002	Anderson	
Y.L.	4	US 6,363,462		03-26-2002	Bergsten	
Y.L.	5	US 6,327,679		12-04-2001	Russell	
Y.L.	6	US 6,223,300		04-24-2001	Gotoh	
Y.L.	7	US 5,815,650		09-29-1998	Apperley et al.	
Y.L.	8	US 5,761,411		06-02-1998	Teague et al.	
Y.L.	9	US 5,287,363		02-15-1994	Wolf et al.	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (If known)				
								<input type="checkbox"/>
								<input type="checkbox"/>

Examiner Signature		Date Considered	1/6/06
-----------------------	--	--------------------	--------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

60595071 v1

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/767,247
				Filing Date	January 28, 2004
				First Named Inventor	Naoki Watanabe
				Art Unit	2188 2185
				Examiner Name	Mono Padmanabhan Yajima Campos
Sheet	2	of	2	Attorney Docket Number	16869B-077300US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
Y.C.	10	"Flash Copy," <u>Implementing ESS copy services on s/390 IBM Redbook</u> , chapter 4 IBM Corp. (2000).	
Y.C.	11	"Hitachi Freedom Storage Software Solutions Guide," Hitachi Data Systems Corporation Santa Clara, CA (January 2003)	
Y.C.	12	Patterson et al. "A Case for Redundant Arrays of Inexpensive Disks (RAID)," In Proceedings of the ACM SIGMOD International Conference on Management of Data (Chicago, IL). 109-116. (1988).	

Examiner Signature		Date Considered	1/6/06
--------------------	---	-----------------	--------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.